

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(flex\$4 and piezo and window and trap).clm.	US-PGPUB	OR	ON	2006/12/07 08:07
S1	4	("20030038032") or ("20030066956").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/25 15:44
S2	14	"210"/\$.ccls. and variable near3 (orifice pore gap) with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 15:12
S3	2	("20040074849").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:29
S4	2492	(210/767,348,350,352,351,357).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:30
S5	4	("20030038032") or ("20030066956").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:32
S6	14	"210"/\$.ccls. and variable near3 (orifice pore gap) with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 15:28
S7	146	(S4 or S5 or S6) and (piezo strain adj guage set adj screw bead)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 14:46
S8	14	(S4 or S5 or S6) and (piezo strain adj guage set adj screw)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 14:46
S9	2	("6761270").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 15:05

## EAST Search History

S10	25	("0099315"   "1414132"   "3542197"   "3750885"   "3937281"   "3975274"   "4113000"   "4199454"   "4227576"   "4277261"   "4292178"   "4430232"   "4678564"   "4690761"   "4742872"   "4804481"   "4901987"   "4938869"   "5152892"   "5207930"   "5240605"   "5824232").PN. OR ("6761270").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 15:07
S11	744	"210"/\$.ccls. and (adjust\$5 variable) near3 (orifice pore gap)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 15:21
S12	5	S11 and piezo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 15:21
S13	28	("3510271"   "4348131"   "4500432"   "4597866"   "4636315"   "4806250"). PN. OR ("4892654").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 15:16
S14	781	"210"/\$.ccls. and (adjust\$5 variable) near3 (orifice pore gap bore)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 11:14
S15	6	S14 and piezo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 15:35
S16	900	"210"/\$.ccls. and (adjust\$5 variable) near3 (orifice pore gap bore aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 15:53
S17	7	S16 and piezo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 15:36
S18	558	"210"/\$.ccls. and (adjust\$5 variable) near3 (orifice pore gap bore aperture) and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 15:39

## EAST Search History

S19	60	"210"/\$.ccls. and (adjust\$5 var\$5) same (hole orifice pore gap bore aperture) and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 19:29
S20	94	menon.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 16:02
S21	18	(US-20010008958-\$ or US-20020117440-\$ or US-20020121487-\$ or US-20020128585-\$ or US-20020185430-\$ or US-20030038032-\$ or US-20030066956-\$ or US-20040074849-\$ or US-20050023208-\$).did. or (US-4313829-\$ or US-4892654-\$ or US-5152892-\$ or US-5178767-\$ or US-5198111-\$ or US-5207930-\$ or US-5240605-\$ or US-6419830-\$ or US-6761270-\$).did.	US-PGPUB; USPAT	OR	ON	2005/11/28 19:14
S22	7	S21 and (set adj screw piezo)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 19:14
S23	1804	(adjust\$5 var\$5) same (hole orifice pore gap bore aperture) and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 10:38
S24	1184	S23 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 19:30
S25	1	S24 and saphire	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 19:31
S26	111	S24 and sapphire	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 19:31

## EAST Search History

S27	1808	(adjust\$5 var\$5) same (hole orifice pore gap bore aperture) and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 09:09
S28	1186	S27 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 09:14
S29	2439	orifice near3 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 11:26
S30	330	S29 and adjustable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 10:43
S31	0	S29 and neelde	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 10:43
S32	183	S29 and needle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 10:43
S33	10025	aperture near3 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 11:26
S34	69	aperture near3 filter same needle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 11:36

## EAST Search History

S35	23	(US-20010008958-\$ or US-20020117440-\$ or US-20020121487-\$ or US-20020128585-\$ or US-20020185430-\$ or US-20030038032-\$ or US-20030066956-\$ or US-20040063113-\$ or US-20040072278-\$ or US-20040074849-\$ or US-20050023208-\$ or US-20050100946-\$ or US-20050257885-\$).did. or (US-4313829-\$ or US-4892654-\$ or US-5152892-\$ or US-5178767-\$ or US-5198111-\$ or US-5207930-\$ or US-5240605-\$ or US-6419830-\$ or US-6629820-\$ or US-6761270-\$).did.	US-PGPUB; USPAT	OR	ON	2005/11/29 12:04
S36	1	S35 and strain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:06
S37	5	S35 and deflection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:10
S39	1	S35 and gauge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:12
S40	5	piezo-electric adj stack and strain adj gauge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:13
S41	611	piezo-electric and strain adj gauge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:13
S42	200	piezo-electric and strain adj gauge and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:13

## EAST Search History

S43	7	piezo-electric and strain adj gauge and fluid with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 12:37
S44	21	piezo-electric and set adj screw and fluid with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:07
S45	3	S35 and sapphire	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:09
S46	2	("5427663").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/29 13:09
S48	73	optical near3 (flow and cell) and sapphire	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:18
S49	2	("6055106").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/29 14:14
S50	2	("4893886").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/29 14:14
S51	791	"210"/\$.ccls. and (adjust\$5 variable) near3 (orifice pore gap bore)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 11:15
S52	43	S51 and steel with (diaphragm flex\$4 membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 11:27
S53	150	diaphragm near3 valve with steel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 11:32

## EAST Search History

S54	7	microfluidic and diaphragm with steel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 11:38
S55	38	microfluidic and flex\$ with steel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/09 11:39